elumen8

Tour Batten Quad

User Manual

Order codes: ELUM120

WARNING

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

- Before your initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.

CAUTION!
KEEP THIS EQUIPMENT AWAY FROM RAIN, MOISTURE AND LIQUIDS

CAUTION!
TAKE CARE USING THIS EQUIPMENT!
HIGH VOLTAGE-RISK OF ELECTRIC SHOCK!!

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power cable come into contact with other cables. Handle the power cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the unit.
- Do not open the equipment and do not modify the unit.
- Do not connect this equipment to a dimmer pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available mains supply voltage is between 100~240V AC, 50/60Hz.
- Make sure that the power cable is never crimped or damaged. Check the equipment and the power cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately and have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not connect power or switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, stop use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Pro Light dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- This lighting fixture is for professional use only - it is not designed for or suitable for household use. The product must be installed by a qualified technician in accordance with local territory regulations. The safety of the installation is the responsibility of the installer. The fixture presents risks of severe injury or death due to fire hazards, electric shock and falls.
- Warning! Risk Group 2 LED product according to EN 62471. Do not view the light output with optical instruments or any device that may concentrate the beam.
- WARRANTY: Two years from date of purchase.

OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void. Incorrect operation may lead to danger e.g: short-circuit, burns and electric shocks etc.

Do not endanger your own safety and the safety of others!

Incorrect installation or use can cause serious damage to people and/or property.

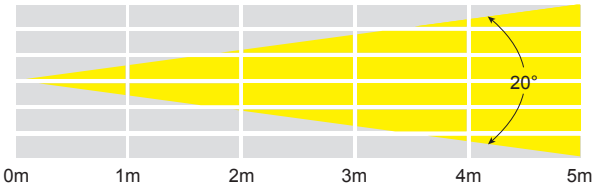
Tour Batten Quad

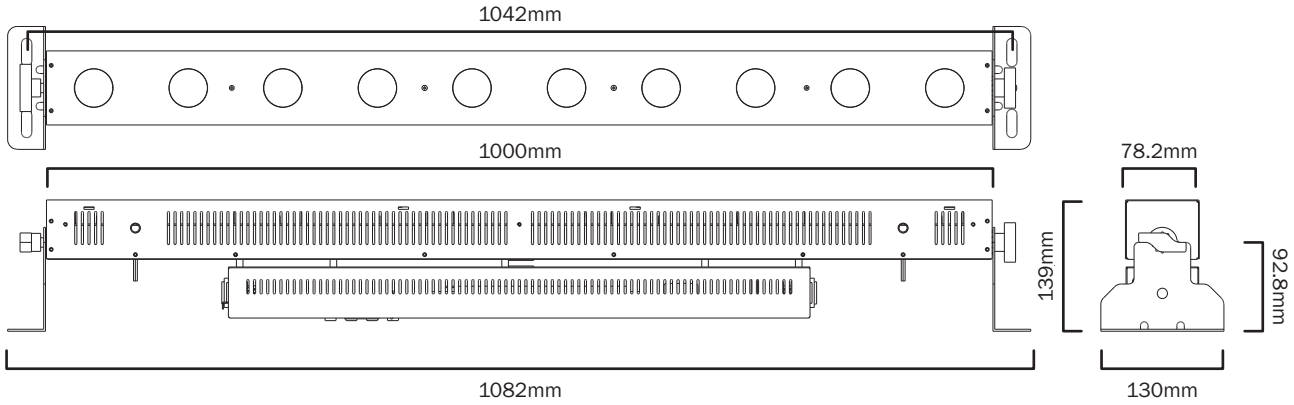
The Tour Batten Quad features ten cells of homogenised RGBW LEDs delivering smooth, blended washes of colour. Each cell can be controlled individually for maximum flexibility, or in groups for applications requiring simpler control. In-built chase programs and several mounting options add to the fixtures appeal for rental and installation alike.

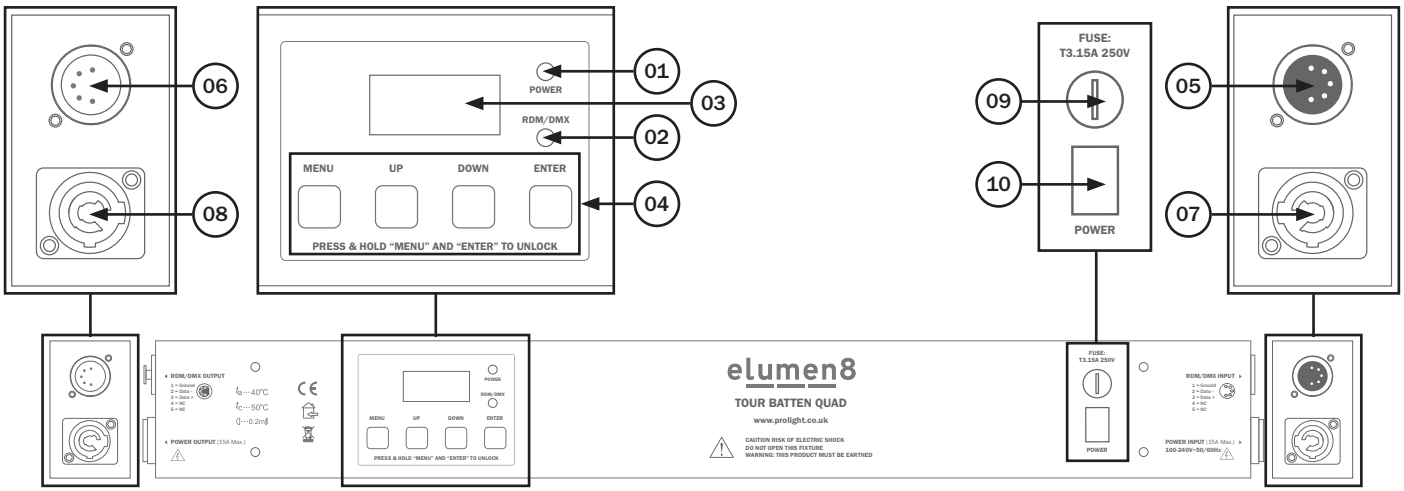
Specifications	Tour Batten Quad
Power consumption	110W
Power supply	100~240V, 50/60Hz
Dimensions	139 x 1082 x 130mm
Weight	6.5kg
Order code	ELUM120

- 10 x 10W quad-colour LEDs (RGBW)
- Beam angle: 20°
- 1257 Lux @ 2m (full on)
- Pixel mapping capabilities
- DMX channels:
  8 bit - 4/8/20/40/6/9
  16 bit - 8/16/40/80
- Static colour, auto run and master/slave modes
- 0 - 100% 16 bit dimming
- RDM (Remote Device Management)
- End brackets allow for multiple rigging and floor standing applications
- 4 push button menu with LCD display
- PowerCON input/output
- 5-Pin XLR input/output
- Convection cooled

20° - Lux					
FULL ON	12500	3133	1390	783	501
R	3160	790	351	198	126
G	4840	1207	538	303	194
B	696	174	77.3	43.5	27.8
W	5480	1367	609	343	219







01 - Power indicator LED
02 - RDM/DMX indicator LED
03 - LCD display
04 - Function buttons
05 - 5-Pin DMX input
06 - 5-Pin DMX output
07 - PowerCON input
08 - PowerCON output
09 - Fuse T3.15A 250V
10 - Power switch on/off

In the box: **1 x fixture, 2 x end brackets, 1 x power cable & 1 x user manual**

Main Menu	Sub Menu	Options/Values		Description
DMX	DMX Ch	1 Pixel	4 channel mode - 8 bit 8 channel mode - 16 bit	DMX Channel Setting
		2 Pixel	8 channel mode - 8 bit 16 channel mode - 16 bit	
		5 Pixel	20 channel mode - 8 bit 40 channel mode - 16 bit	
		10 Pixel	40 channel mode - 8 bit 80 channel mode - 16 bit	
		9 DMX Ch	9 channel mode - 8 bit	
		6 DMX Ch	6 channel mode - 8 bit	
	DMX Addr	000-512		DMX Address Setting
	DMX Bit	8 bit 16 bit		DMX Bit Setting
	DMX Fade	Fade on Fade off		Switching DMX fade to on activates a short delay on DMX commands
Chase	Program	prog	prog:01-prog:10	Program
	Speed	speed	speed:01-speed:99 (fast-slow)	Program Speed
	Fade	fade	fade:000-fade:100 (no fade-fade)	Program Fade
	Dimmer	dimm	dimm:000-dimm:255	Program Dimming
Manual	Red	R:000-R:255		Red Dimmer
	Green	R:000-R:255		Green Dimmer
	Blue	R:000-R:255		Blue Dimmer
	White	R:000-R:255		White Dimmer

IMPORTANT! PLEASE NOTE: The LCD display for this fixture has a menu locking function where after 45 seconds of inactivity it will lock. To unlock the menu hold the "**MENU**" and "**ENTER**" buttons for 5 seconds.

DMX mode:

Operating in a DMX control mode environment gives the user the greatest flexibility when it comes to customising or creating a show. In this mode you will be able to control each individual trait of the fixture and each fixture independently.

To access the DMX channel mode, press the "**MENU**" button on the front of the unit to show "**DMX**" on the LCD display. Press the "**ENTER**" button to show "**DMX Ch**" on the LCD display. Now use the "**UP**" and "**DOWN**" buttons to choose one of the channel modes; 4/8/20/40/6/9 - 8 bit, 8/16/40/80 - 16 bit (see chart on page 4).
Press the "**ENTER**" button to confirm the setting.

To access the DMX address mode, press the "**MENU**" button on the front of the unit to show "**DMX**" on the LCD display. Press the "**ENTER**" button to show "**DMX Addr**" on the LCD display. Now the "**UP**" and "**DOWN**" buttons to set the required DMX address.
Press the "**ENTER**" button to confirm the setting.

To access the DMX bit setting, press the "**MENU**" button on the front of the unit to show "**DMX**" on the LCD display. Press the "**ENTER**" button to show "**DMX Bit**" on the LCD display. Now the "**UP**" and "**DOWN**" buttons to set the required DMX bit setting (8 bit or 16 bit).
Press the "**ENTER**" button to confirm the setting.

To access the DMX bit setting, press the "**MENU**" button on the front of the unit to show "**DMX**" on the LCD display. Press the "**ENTER**" button to show "**DMX Fade**" on the LCD display. Now the "**UP**" and "**DOWN**" buttons to set the DMX fade "**Fade on**" or "**Fade off**".
Press the "**ENTER**" button to confirm the setting.

To exit out of any of the above options, press the "**MENU**" button.

6 channel mode - 8 bit:

Channel	Value	Function
1	000-255	Red dimmer (0-100%)
2	000-255	Green dimmer (0-100%)
3	000-255	Blue dimmer (0-100%)
4	000-255	White dimmer (0-100%)
5	000-255	Master dimmer (0-100%)
6	000-239	Strobe (fast-slow)
	240-255	Full on

9 channel mode - 8 bit:

Channel	Value	Function
1	000-255	Red dimmer (0-100%)
2	000-255	Green dimmer (0-100%)
3	000-255	Blue dimmer (0-100%)
4	000-255	White dimmer (0-100%)
5	000-015	Full on (RGBW)
	016-127	Colour Mode
	128-255	Chase programs 1-10
6	000-255	Chase speed (fast-slow)
7	000-255	Fade (slow-fast)
8	000-255	Master dimmer (0-100%)
9	000-239	Strobe (fast-slow)
	240-255	Full on

4 channel (1 Pixel) mode - 8 bit:

Channel	Value	Function
1	000-255	Red dimmer (0-100%)
2	000-255	Green dimmer (0-100%)
3	000-255	Blue dimmer (0-100%)
4	000-255	White dimmer (0-100%)

8 channel (2 Pixel) mode - 8 bit:

Channel	Value	Function
1	000-255	LEDs 1-5 Red dimmer (0-100%)
2	000-255	LEDs 1-5 Green dimmer (0-100%)
3	000-255	LEDs 1-5 Blue dimmer (0-100%)
4	000-255	LEDs 1-5 White dimmer (0-100%)
5	000-255	LEDs 6-10 Red dimmer (0-100%)
6	000-255	LEDs 6-10 Green dimmer (0-100%)
7	000-255	LEDs 6-10 Blue dimmer (0-100%)
8	000-255	LEDs 6-10 White dimmer (0-100%)

20 channel (5 Pixel) mode - 8 bit:

Channel	Value	Function
1	000-255	LEDs 1-2 Red dimmer (0-100%)
2	000-255	LEDs 1-2 Green dimmer (0-100%)
3	000-255	LEDs 1-2 Blue dimmer (0-100%)
4	000-255	LEDs 1-2 White dimmer (0-100%)
5	000-255	LEDs 3-4 Red dimmer (0-100%)
6	000-255	LEDs 3-4 Green dimmer (0-100%)
7	000-255	LEDs 3-4 Blue dimmer (0-100%)
8	000-255	LEDs 3-4 White dimmer (0-100%)
9	000-255	LEDs 5-6 Red dimmer (0-100%)
10	000-255	LEDs 5-6 Green dimmer (0-100%)
11	000-255	LEDs 5-6 Blue dimmer (0-100%)
12	000-255	LEDs 5-6 White dimmer (0-100%)
13	000-255	LEDs 7-8 Red dimmer (0-100%)
14	000-255	LEDs 7-8 Green dimmer (0-100%)
15	000-255	LEDs 7-8 Blue dimmer (0-100%)
16	000-255	LEDs 7-8 White dimmer (0-100%)
17	000-255	LEDs 9-10 Red dimmer (0-100%)
18	000-255	LEDs 9-10 Green dimmer (0-100%)
19	000-255	LEDs 9-10 Blue dimmer (0-100%)
20	000-255	LEDs 9-10 White dimmer (0-100%)

8 channel (1 Pixel) mode - 16 bit:

Channel	Value	Function
1 high 8 byte 2 low 8 byte	00000-65535	Red dimmer (0-100%)
3 high 8 byte 4 low 8 byte	00000-65535	Green dimmer (0-100%)
5 high 8 byte 6 low 8 byte	00000-65535	Blue dimmer (0-100%)
7 high 8 byte 8 low 8 byte	00000-65535	White dimmer (0-100%)

16 channel (2 Pixel) mode - 16 bit:

Channel	Value	Function
1 high 8 byte 2 low 8 byte	00000-65535	LEDs 1-5 Red dimmer (0-100%)
3 high 8 byte 4 low 8 byte	00000-65535	LEDs 1-5 Green dimmer (0-100%)
5 high 8 byte 6 low 8 byte	00000-65535	LEDs 1-5 Blue dimmer (0-100%)
7 high 8 byte 8 low 8 byte	00000-65535	LEDs 1-5 White dimmer (0-100%)
9 high 8 byte 10 low 8 byte	00000-65535	LEDs 6-10 Red dimmer (0-100%)
11 high 8 byte 12 low 8 byte	00000-65535	LEDs 6-10 Green dimmer (0-100%)
13 high 8 byte 14 low 8 byte	00000-65535	LEDs 6-10 Blue dimmer (0-100%)
15 high 8 byte 16 low 8 byte	00000-65535	LEDs 6-10 White dimmer (0-100%)

40 channel (10 Pixel) mode - 8 bit:

Channel	Value	Function
1	000-255	LED 1 Red dimmer (0-100%)
2	000-255	LED 1 Green dimmer (0-100%)
3	000-255	LED 1 Blue dimmer (0-100%)
4	000-255	LED 1 White dimmer (0-100%)
5	000-255	LED 2 Red dimmer (0-100%)
6	000-255	LED 2 Green dimmer (0-100%)
7	000-255	LED 2 Blue dimmer (0-100%)
8	000-255	LED 2 White dimmer (0-100%)
9	000-255	LED 3 Red dimmer (0-100%)
10	000-255	LED 3 Green dimmer (0-100%)
11	000-255	LED 3 Blue dimmer (0-100%)
12	000-255	LED 3 White dimmer (0-100%)
13	000-255	LED 4 Red dimmer (0-100%)
14	000-255	LED 4 Green dimmer (0-100%)
15	000-255	LED 4 Blue dimmer (0-100%)
16	000-255	LED 4 White dimmer (0-100%)
17	000-255	LED 5 Red dimmer (0-100%)
18	000-255	LED 5 Green dimmer (0-100%)
19	000-255	LED 5 Blue dimmer (0-100%)
20	000-255	LED 5 White dimmer (0-100%)
21	000-255	LED 6 Red dimmer (0-100%)
22	000-255	LED 6 Green dimmer (0-100%)
23	000-255	LED 6 Blue dimmer (0-100%)
24	000-255	LED 6 White dimmer (0-100%)
25	000-255	LED 7 Red dimmer (0-100%)
26	000-255	LED 7 Green dimmer (0-100%)
27	000-255	LED 7 Blue dimmer (0-100%)
28	000-255	LED 7 White dimmer (0-100%)
29	000-255	LED 8 Red dimmer (0-100%)
30	000-255	LED 8 Green dimmer (0-100%)
31	000-255	LED 8 Blue dimmer (0-100%)
32	000-255	LED 8 White dimmer (0-100%)
33	000-255	LED 9 Red dimmer (0-100%)
34	000-255	LED 9 Green dimmer (0-100%)
35	000-255	LED 9 Blue dimmer (0-100%)
36	000-255	LED 9 White dimmer (0-100%)
37	000-255	LED 10 Red dimmer (0-100%)
38	000-255	LED 10 Green dimmer (0-100%)
39	000-255	LED 10 Blue dimmer (0-100%)
40	000-255	LED 10 White dimmer (0-100%)

40 channel (5 Pixel) mode - 16 bit:

Channel	Value	Function
1 high 8 byte 2 low 8 byte	00000-65535	LEDs 1-2 Red dimmer (0-100%)
3 high 8 byte 4 low 8 byte	00000-65535	LEDs 1-2 Green dimmer (0-100%)
5 high 8 byte 6 low 8 byte	00000-65535	LEDs 1-2 Blue dimmer (0-100%)
7 high 8 byte 8 low 8 byte	00000-65535	LEDs 1-2 White dimmer (0-100%)
9 high 8 byte 10 low 8 byte	00000-65535	LEDs 3-4 Red dimmer (0-100%)
11 high 8 byte 12 low 8 byte	00000-65535	LEDs 3-4 Green dimmer (0-100%)
13 high 8 byte 14 low 8 byte	00000-65535	LEDs 3-4 Blue dimmer (0-100%)
15 high 8 byte 16 low 8 byte	00000-65535	LEDs 3-4 White dimmer (0-100%)
17 high 8 byte 18 low 8 byte	00000-65535	LEDs 5-6 Red dimmer (0-100%)
19 high 8 byte 20 low 8 byte	00000-65535	LEDs 5-6 Green dimmer (0-100%)
21 high 8 byte 22 low 8 byte	00000-65535	LEDs 5-6 Blue dimmer (0-100%)
23 high 8 byte 24 low 8 byte	00000-65535	LEDs 5-6 White dimmer (0-100%)
25 high 8 byte 26 low 8 byte	00000-65535	LEDs 7-8 Red dimmer (0-100%)
27 high 8 byte 28 low 8 byte	00000-65535	LEDs 7-8 Green dimmer (0-100%)
29 high 8 byte 30 low 8 byte	00000-65535	LEDs 7-8 Blue dimmer (0-100%)
31 high 8 byte 32 low 8 byte	00000-65535	LEDs 7-8 White dimmer (0-100%)
33 high 8 byte 34 low 8 byte	00000-65535	LEDs 9-10 Red dimmer (0-100%)
35 high 8 byte 36 low 8 byte	00000-65535	LEDs 9-10 Green dimmer (0-100%)
37 high 8 byte 38 low 8 byte	00000-65535	LEDs 9-10 Blue dimmer (0-100%)
39 high 8 byte 40 low 8 byte	00000-65535	LEDs 9-10 White dimmer (0-100%)

80 channel (10 Pixel) mode - 16 bit:

Channel	Value	Function
1 high 8 byte 2 low 8 byte	00000- 65535	LED 1 Red dimmer (0-100%)
3 high 8 byte 4 low 8 byte	00000- 65535	LED 1 Green dimmer (0-100%)
5 high 8 byte 6 low 8 byte	00000- 65535	LED 1 Blue dimmer (0-100%)
7 high 8 byte 8 low 8 byte	00000- 65535	LED 1 White dimmer (0-100%)
9 high 8 byte 10 low 8 byte	00000- 65535	LED 2 Red dimmer (0-100%)
11 high 8 byte 12 low 8 byte	00000- 65535	LED 2 Green dimmer (0-100%)
13 high 8 byte 14 low 8 byte	00000- 65535	LED 2 Blue dimmer (0-100%)
15 high 8 byte 16 low 8 byte	00000- 65535	LED 2 White dimmer (0-100%)
17 high 8 byte 18 low 8 byte	00000- 65535	LED 3 Red dimmer (0-100%)
19 high 8 byte 20 low 8 byte	00000- 65535	LED 3 Green dimmer (0-100%)
21 high 8 byte 22 low 8 byte	00000- 65535	LED 3 Blue dimmer (0-100%)
23 high 8 byte 24 low 8 byte	00000- 65535	LED 3 White dimmer (0-100%)
25 high 8 byte 26 low 8 byte	00000- 65535	LED 4 Red dimmer (0-100%)
27 high 8 byte 28 low 8 byte	00000- 65535	LED 4 Green dimmer (0-100%)
29 high 8 byte 30 low 8 byte	00000- 65535	LED 4 Blue dimmer (0-100%)
31 high 8 byte 32 low 8 byte	00000- 65535	LED 4 White dimmer (0-100%)
33 high 8 byte 34 low 8 byte	00000- 65535	LED 5 Red dimmer (0-100%)
35 high 8 byte 36 low 8 byte	00000- 65535	LED 5 Green dimmer (0-100%)
37 high 8 byte 38 low 8 byte	00000- 65535	LED 5 Blue dimmer (0-100%)
39 high 8 byte 40 low 8 byte	00000- 65535	LED 5 White dimmer (0-100%)

Channel	Value	Function
41 high 8 byte 42 low 8 byte	00000- 65535	LED 6 Red dimmer (0-100%)
43 high 8 byte 44 low 8 byte	00000- 65535	LED 6 Green dimmer (0-100%)
45 high 8 byte 46 low 8 byte	00000- 65535	LED 6 Blue dimmer (0-100%)
47 high 8 byte 48 low 8 byte	00000- 65535	LED 6 White dimmer (0-100%)
49 high 8 byte 550 low 8 byte	00000- 65535	LED 7 Red dimmer (0-100%)
51 high 8 byte 52 low 8 byte	00000- 65535	LED 7 Green dimmer (0-100%)
53 high 8 byte 54 low 8 byte	00000- 65535	LED 7 Blue dimmer (0-100%)
55 high 8 byte 56 low 8 byte	00000- 65535	LED 7 White dimmer (0-100%)
57 high 8 byte 58 low 8 byte	00000- 65535	LED 8 Red dimmer (0-100%)
59 high 8 byte 60 low 8 byte	00000- 65535	LED 8 Green dimmer (0-100%)
61 high 8 byte 62 low 8 byte	00000- 65535	LED 8 Blue dimmer (0-100%)
63 high 8 byte 64 low 8 byte	00000- 65535	LED 8 White dimmer (0-100%)
65 high 8 byte 66 low 8 byte	00000- 65535	LED 9 Red dimmer (0-100%)
67 high 8 byte 68 low 8 byte	00000- 65535	LED 9 Green dimmer (0-100%)
69 high 8 byte 70 low 8 byte	00000- 65535	LED 9 Blue dimmer (0-100%)
71 high 8 byte 72 low 8 byte	00000- 65535	LED 9 White dimmer (0-100%)
73 high 8 byte 74 low 8 byte	00000- 65535	LED 10 Red dimmer (0-100%)
75 high 8 byte 76 low 8 byte	00000- 65535	LED 10 Green dimmer (0-100%)
77 high 8 byte 78 low 8 byte	00000- 65535	LED 10 Blue dimmer (0-100%)
79 high 8 byte 80 low 8 byte	00000- 65535	LED 10 White dimmer (0-100%)

Chase mode:

To access the chase mode, press the “**MENU**” button on the front of the unit to show “**Chase**” on the LCD display.

Press the “**ENTER**” button to show “**Chase prog**” on the LCD display. Now the “**UP**” and “**DOWN**” buttons to set the required program “**01**” - “**10**”. Press the “**ENTER**” button to confirm the setting.

“**Chase speed**” should now be shown on the LCD display. Use the “**UP**” and “**DOWN**” buttons to set the required speed “**01**” - “**99**”. Press the “**ENTER**” button to confirm the setting.
(01 = fast, 99 = slow).

“**Chase fade**” should now be shown on the LCD display. Use the “**UP**” and “**DOWN**” buttons to set the required amount of fade “**000**” - “**100**”. Press the “**ENTER**” button to confirm the setting.
(000 = no fade, 100 = full fade).

“**Chase dimm**” should now be shown on the LCD display. Use the “**UP**” and “**DOWN**” buttons to set the chase modes dimming “**000**” - “**255**”. Press the “**ENTER**” button to confirm the setting.
(000 = LED off, 255 = LED at full brightness).

To exit out of any of the above options, press the “**MENU**” button.

Manual dimming mode:

To access the manual dimming mode, press the “**MENU**” button on the rear of the unit to show “**Manual**” on the LCD display. The unit is now in manual dimming mode. Press the “**ENTER**” button and use the “**UP**” and “**DOWN**” buttons to set the red brightness from “**000**” - “**255**”.
Press the “**ENTER**” button and repeat for Green, Blue and White.
Press the “**ENTER**” button to confirm the setting.

(000 = LED off, 255 = LED at full brightness).

To exit out of any of the above options, press the “**MENU**” button.

Setting the DMX address:

The DMX mode enables the use of a universal DMX controller. Each fixture requires a “start address” from 1- 511. A fixture requiring one or more channels for control begins to read the data on the channel indicated by the start address. For example, a fixture that occupies or uses 7 channels of DMX and was addressed to start on DMX channel 100, would read data from channels: 100,101,102,103,104,105 and 106. Choose a start address so that the channels used do not overlap. E.g. the next unit in the chain starts at 107.

DMX 512:

DMX (Digital Multiplex) is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions form the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA “IN” and DATA “OUT” XLR terminals located on all DMX fixtures (most controllers only have a data “out” terminal).

DMX linking:

DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned to a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

DATA cable (DMX cable) requirements (for DMX operation):

This fixture can be controlled via DMX-512 protocol. The DMX address is set on the back of the unit. Your unit and your DMX controller require a standard 3-pin XLR connector for data input/output, see image below.

Further DMX cables can be purchased from all good sound and lighting suppliers or Pro Light Concepts dealers.

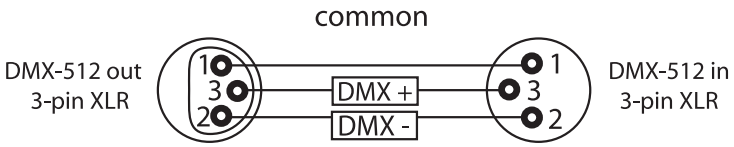
Please quote:

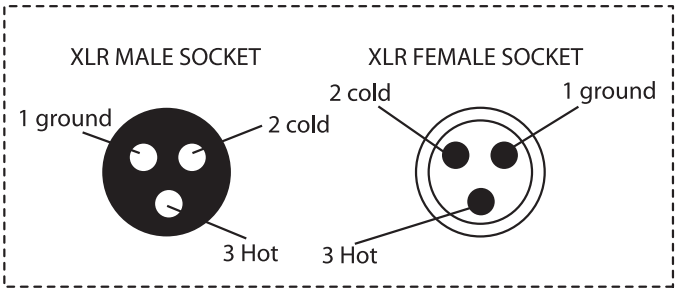
CABL185 – 2m
CABL187 – 5m
CABL188 – 10m

Note: DMX cable must be daisy chained and cannot be split.

Notice:

Be sure to follow the diagrams below when making your own cables. Do not connect the cables shield conductor to the ground lug or allow the shield conductor to come in contact with the XLRs outer casing. Grounding the shield could cause a short circuit and erratic behaviour.





XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Negative
Pin 3 = Postive

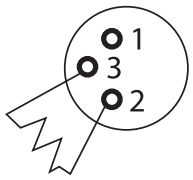
Special note:

Line termination:

When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behaviour.

Using a cable terminator will decrease the possibilities of erratic behaviour.

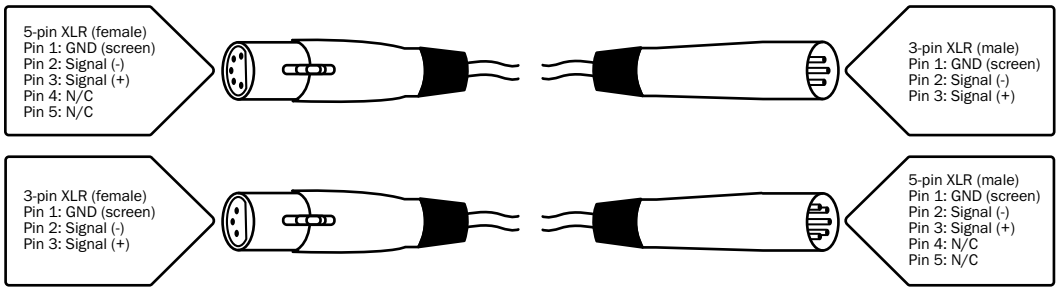
(3-pin - Order ref: CABL90, 5-pin - Order ref: CABL89)



Termination reduces signal transmission problems and interference. It is always advisable to connect a DMX terminal, (resistance 120 Ohm 1/4 W) between pin 2 (DMX-) and pin 3 (DMX+) of the last fixture.

5-pin XLR DMX connectors:

Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The diagram below details the correct cable conversion.



Correct Disposal of this Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.